

# SCH- D (vicriviroc)



## **Drug Class: Entry and Fusion Inhibitors**

SCH-D is a type of medicine called an entry inhibitor. It is a drug also referred to as a chemokine antagonist. Entry inhibitors work by preventing HIV from infecting human cells.

In order to infect a cell, HIV must recognize and bind to a receptor on the cell's surface. Once HIV is attached to the cell surface, it can enter and infect the cell. SCH-D is a small molecule that binds to one of the cell's HIV receptors called CCR5. SCH-D blocks HIV from attaching to CCR5, preventing the virus from entering and infecting the cell.

## **HIV/AIDS-Related Uses**

SCH-D is an investigational medicine that is not yet approved by the FDA for use outside of clinical trials. It is being studied for the treatment of HIV infection. SCH-D was granted fast-track status by the FDA in 2005.

A Phase II study in treatment-naïve patients was stopped in October 2005 because the virus increased to detectable levels in some patients taking SCH-D and Combivir. Patients taking this combination should talk with their doctors about starting a different treatment regimen.

Another Phase II study in treatment-experienced patients will continue, and the manufacturer plans to continue studying SCH-D in combination with other anti-HIV medicines in all patients.

This medicine does not cure or prevent HIV infection or AIDS and does not reduce the risk of passing the virus to other people.

## **Dosage Form/Administration**

SCH-D is given by mouth in tablet form in clinical studies.

## **Contraindications**

Individuals should tell a doctor about any medical problems before taking this medicine.

## **Possible Side Effects**

Along with its desired effects, SCH-D may cause some unwanted effects. These side effects are not yet known. So far, studies in humans have reported no serious side effects with SCH-D. No serious side effects led to the ending of the Phase II study in treatment-naïve patients.

## **Drug and Food Interactions**

A doctor should be notified of any other medications being taken, including prescription, nonprescription (over-the-counter), or herbal medications.

## **Clinical Trials**

For information on clinical trials that involve SCH-D (vicriviroc), visit the ClinicalTrials.gov web site at <http://www.clinicaltrials.gov>. In the Search box, enter: SCH-D (vicriviroc) AND HIV Infections.

## **Manufacturer Information**

SCH-D (vicriviroc)  
Schering - Plough Corp  
2000 Galloping Hill Rd  
Kenilworth, NJ 07033-0530  
(800) 526-4099

## **For More Information**

Contact your doctor or an AIDSinfo Health Information Specialist:

- Via Phone: 1-800-448-0440 Monday - Friday, 12:00 p.m. (Noon) - 5:00 p.m. ET
- Via Live Help: [http://aidsinfo.nih.gov/live\\_help](http://aidsinfo.nih.gov/live_help) Monday - Friday, 12:00 p.m. (Noon) - 4:00 p.m. ET